

IN THE SPECIFICATION

Please amend the paragraph beginning on page 9 line 30 as follows:

The illustrated IC 358 includes a low noise amplifier 354 to receive an induced signal from the antenna element 334, and a driver 352 to drive a current through the inductive coil 364 of the antenna element 334 and transmit an inductive signal from the antenna element. The illustrated IC signal processing circuit 330 further includes a processor 369 ~~[[368]]~~ in communication with a receiver 370 to process received signals from the amplifier 354, and in communication with a transmitter 372 to present a signal to the driver 352 that is to be driven through the inductive coil 364 of the antenna element 334. The illustrated signal processing circuit includes a TR control 374 to enable the driver, and to appropriately actuate the TR switch 362 to either transmit signals to the antenna element 366 in a transmit mode or receive signals from the antenna element 366 in a receive mode.